

R E P O R T

Shane E. Wanner

SUBJECT: RI/FS Start-Up

DATE: September 21, 1989

REFERENCE: See List Attached

PURPOSE: To discuss some details regarding planned RI/FS activities at the site (see agenda attached).

DISCUSSION:

1a) DNREC approved Standard Chlorine's Remedial Investigation/Feasibility Study (RI/FS) Work Plan on September 1, 1989. Though EPA's Central Regional Office has granted conditional approval of their Quality Assurance Project Plan (QAPP), final approval is still pending. This should not delay the planned RI/FS activities at the site since field work is not scheduled to commence until November.

1b) Versar has been awarded the EPA Technical Enforcement Support (TES) contract for oversight of RI/FS activities and split-sampling. Wastor (Standard Chlorine's consultant) will notify Versar at least two weeks in advance of the dates for sampling activities and for some special analyses.

2) Wastor will include schedules of upcoming activities in their progress reports, to be submitted by the 15th of the following month.

3) Standard Chlorine is very concerned about EPA's recommendations that a public hearing on their planned RI/FS activities be held. They argue that such a hearing is not required under CERCLA and that they feel it will result in unnecessary delays in the project. DNREC stated that such a hearing would benefit Standard Chlorine in that the public would be notified that an ongoing groundwater recovery system is in operation for several years.

4) Standard Chlorine requested Standard Chlorine perform step tests on their recovery wells to determine their efficiency and a fixed discharge test to determine the transmissivity in the vicinity of the proposed recovery system. Standard Chlorine stated this work had already been done and that the four recovery wells had recently been rehabilitated. Even so, the wells which were designed to pump 75 gallons per minute (gpm) each are now only pumping 8 gpm (up from an average of 3.5 gpm before rehabilitation).

5) Standard Chlorine has been working on hiring a drilling contractor to install a conditional recovery well in the area of well TW-6A. This should greatly improve the effectiveness of their recovery system as the contamination is greatest in this area and the aquifer is more transmissive than in the area where the four existing wells are operating.

3a-b) Ten additional monitoring wells will be installed at the tentative locations delineated in the RI/FS Work Plan. Plans for monitoring wells in other locations will be considered following the collection of groundwater data from the ten wells installed.

1268

Standard Chlorine will collect one composite sediment sample from the storage basin and three composite soil samples from the contaminated site. This work will be completed in the initial phase of the determine if these areas need to be treated or secured while the site is being monitored.

4) The proposed downstream fish sampling location will be expanded to include areas both to the east and west of the Route 9 bridge.

RECOMMENDATION ACTION ITEMS:

1) DNREC will contact CRL to check on the status of Standard Chlorine's (SC) approval.

2) DNREC will express Standard Chlorine's concerns regarding a public hearing.

3) Standard Chlorine will submit the results of the step-tests and the aquifer tests they performed on their groundwater recovery system.

4) 1/22

5) Director

6) 1/22

STANDARD CHLORINE
 RI/FS START-UP MEETING
 September 21, 1989

1. RI/FS Work Plan and QAPjP
 - a. RI/FS Work Plan approval granted September 1, 1989; final approval of QAPjP pending
 - b. RI/FS and Oversight Schedule
 - c. Monthly Updates
2. Groundwater Recovery System
 - a. Evaluation Proposed in RI/FS Work Plan (Section 5.6.4)
 - b. Step-testing to Determine Efficiency of System
 - c. Fixed Discharge Aquifer Testing to Determine Transmissivity in Vicinity of System
 - d. Status of Additional Recovery Well Installation
3. Installation of Columbia Monitoring Wells
 - a. Proposed Well Locations (Figure 5-4 and Table 5-2)
 - b. Other Options for the Ten Proposed Wells
4. Sampling of the Soil Piles and Sediment Storage Basin
 - a. Discussion of Soil Piles Sampling
 - b. One Sediment Sample Proposed; Three Soil Samples Proposed (Table 5-1)
5. Fish Sampling Locations
 - a. Expansion of Downstream Sample (Figure 5-9)

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Standard Chlorine
RIFS Startup Meeting
September 21, 1989

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COVER SHEET FOR TELEFAX

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